

WHAT IS CLAIMED IS:

1. An air refresher holding device comprising:

an air refresher;

a sliding mechanism comprising a gear and a sleeve which has teeth matched with the gear, the sleeve being moved by rotating the gear;

a first clamping plate having a rack portion on a side thereof and a pawl member disengageably engaged with the rack portion so as to hold the first clamping plate in position;

a base having a first receiving portion defined in an end thereof and a path defined in an interior of the base, the air refresher received in the first receiving portion and the sliding mechanism received in the path, a plurality of first holes defined through the base, the path located being extended to a position where the first holes are defined, and

a cover mounted to the base and having a second receiving portion which is located in alignment with the first receiving portion such that the air refresher is received therein, a plurality of second holes, a second clamping plate connected to a side of the cover and located in opposite to the first clamping plate.

2. The device as claimed in Claim 1, wherein a pushing rod that comprises an end contacting the pawl member that is removed from the rack portion by pivoting the pushing rod.

3. The device as claimed in Claim 1, wherein the first clamping plate has a chamber and the cover has a stop wall, a spring having an end received in the chamber and the other end of the spring contacting against the stop wall.

4. The device as claimed in Claim 1, wherein the cover comprises a block and the first clamping plate comprises a slot in which the block is slidably engaged.
5. The device as claimed in Claim 1 further comprising a fan located between the base and the cover, the first holes and the second holes located on two sides of the fan.
6. The device as claimed in Claim 1, wherein a plurality of third holes are defined through the base and located beside the path.
7. The device as claimed in Claim 1, wherein the cover has a support member located on an end thereof.
8. The device as claimed in Claim 1, wherein the air refresher comprises two ridges on two sides thereof and two grooves are respectively defined in two insides of the first and second receiving portions, the ridges engaged with the grooves.
9. The device as claimed in Claim 1, wherein the pawl member is integrally connected to a board that has a protrusion to which a center of the gear is connected.
10. The device as claimed in Claim 9, wherein the board includes a plurality of guide rails and the sleeve has a plurality of rails that are movably engaged along the guide rails.